

Applicants : James G. Retzloff and Scott T. Franson
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IN THE CLAIMS:

Please cancel Claims 7, 8, 35, 36, 48-51, 54, and 55.

1-28. (cancelled).

29. (previously presented) A concealed sprinkler head comprising:

a sprinkler body having a central axis and a central orifice disposed about said central axis, said central orifice defining an inlet and an outlet, and said inlet configured for attachment to a fire extinguishing fluid supply line;

a deflector movably mounted to said sprinkler body;

a sealing assembly for sealing said outlet;

a thermally sensitive trigger assembly configured to releasably urge said sealing assembly into sealing engagement with said outlet;

a housing attached to said sprinkler body and having a bottom extending beyond said outlet, said thermally sensitive trigger assembly positioned between said outlet and said bottom of said housing; and

a cover plate removably mounted to said bottom of said housing, said cover plate having a central portion and a periphery extending around said central portion, said central portion having an outer surface lying in a plane generally orthogonal to said central axis, said plate further including arcuate portions extending inwardly from said periphery to said central portion, said arcuate portions projecting outwardly from said plane away from said sprinkler body in a direction generally along said central axis and forming a plurality of radially spaced and radially extending passageway sections having portions offset outwardly from said plane and in said direction and configured to enable air to travel between said periphery and said bottom of said housing and towards the thermally sensitive trigger assembly.

30. (previously presented) The concealed sprinkler head of claim 29, wherein said cover plate has generally planar portions extending between said arcuate portions.

31-33. (cancelled)

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34. (original) The concealed sprinkler head of claim 29, further comprising a spring positioned between said cover plate and said bottom of said housing, said spring configured to thrust said cover plate away from said bottom of said housing.

35-51. (cancelled)

52. (previously presented) The concealed sprinkler head according to Claim 30, wherein said planar portions extend between said periphery and said central portion.

53. (previously presented) The concealed sprinkler head according to Claim 29, wherein said central portion comprises a generally planar central portion.

54-55. (cancelled)